

Things to Know, Understand, and Do

CP Chapter 1 and 2 pt 2: Matter and Measurement

By the end of Chapter 1 and 2 pt 2, you should

Know how to...
Name the SI units for length, volume, time, mass, temperature, and density
Solve problems involving metric system conversions
Perform calculations using dimensional analysis
Set up a conversion factor
Perform calculations involving density
Understand...
The difference between weight and mass
How the SI system works
How units cancel in a calculation
The difference between Accuracy and Precision
How mass and volume are linked through the Density of a substance
THAT I MUST SHOW WORK IN EVERY CALCULATION OR I WILL NOT GET FULL CREDIT

Chapter 1 Homework.

Due the day before the test. Must be completed neatly. Use full sentences and/or show all work in calculations for full credit where applicable. This assignment may be passed in anytime before the test though. Students may also elect to pass in questions in smaller chunks during the course of our coverage of the chapter if that is more conducive to their learning style.

Read Chapter 1 (p 11 – 21) and Appendix A-0 – A-1

Do the following problems:

	pg 12	Q 1, 4
	pg 16	Q 1, 2, 6, 7
	pg 20	Q 1, 3, 4, 5, 6, 7
In the Appendix:	pg A-1	Q 1, 2, 3, 4 SHOW WORK!